

Report Date: 21 May 2014

Summary Report for Individual Task
551-8ST-8190
Identify Components of Fire Detection Systems
Status: Approved

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: -- - None

Condition: Assigned as a Marine Deck or Engineering Officer, given a completed risk assessment, a vessel in port or at sea, all applicable publications, forms, records, tools, materials, personnel, and equipment in all weather conditions day or night and all MOPP levels in an Operational Environment scenario.

Standard: On order, identify components of fire detection systems IAW the applicable publications. Comply with all Warnings, Cautions, and Notes listed in the applicable references.

Special Condition: None

Safety Risk: Low

MOPP 4:

Task Statements

Cue: None

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: None

Performance Steps

1. Identify the arrangement of the fire detection system as follows:

- a. FM-200 Fire Suppression System
- b. Galley Fire Suppression System
- c. Fire Station Components
- d. Fire Monitor Components
- e. Engine Room Water Washdown System(ERWWS)Components
- f. Aqueous Film Forming Foam (AFFF)Pump Components
- g. Fire and Smoke Detection Panel
- h. Thermal Heat Detectors
- i. Smoke Detectors

2. Identify the locations of the fire detection system as follows:

- a. FM-200 Fire Suppression System
- b. Galley Fire Suppression System
- c. Fire Stations
- d. Fire Monitors
- e. Engine Room Water Washdown System(ERWWS)
- f. Aqueous Film Forming Foam (AFFF)Pump Components
- g. Fire and Smoke Detection Panel
- h. Thermal Heat Detectors
- i. Smoke Detectors

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Mark each performance measure either GO or NO GO. Mark the Soldier GO if all performance measures are met. All measures must be marked GO to receive an overall GO on the task. Mark the Soldier NO GO if any performance measure is not met. If the soldier is marked a NO GO, inform the Soldier what was done incorrectly and how to perform the task to standard.

Evaluation Preparation: Safety precautions must be adhered to when performing the task listed in accordance with the prescribed technical manual. Ensure that all LOCK OUT/TAG OUT procedures are followed. Ensure that all required equipment to perform this task is available. Brief Soldier to identify components of fire detection systems .

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Identified the arrangement of the fire detection system as follows:			
a. FM-200 Fire Suppression System			
b. Galley Fire Suppression System			
c. Fire Station Components			
d. Fire Monitor Components			
e. Engine Room Water Washdown System(ERWWS)Components			
f. Aqueous Film Forming Foam (AFFF)Pump Components			
g. Fire and Smoke Detection Panel			
h. Thermal Heat Detectors			
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g. Fire and Smoke Detection Panel			
h. Thermal Heat Detectors			
i. Smoke Detectors			

Supporting Reference(s): None

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT.

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None

ICTL Data :

ICTL Title	Personnel Type	MOS Data
MOS 881A - Marine Engineering Warrant Officer	Warrant Officer	MOS: 881A, Duty Pos: THK, SQI: 1
880 & 881 Shared Task		